ISS and Shuttle Payload Manifest Assumptions

- Manifest in Appendix 4A reflects latest ISS program direction for mission complement and launch dates
 - Space Station Change Notice (SSCN) 7083R2 for FY03 missions
 - Interim Manifest (Preliminary NASA Manifest Option 03C-12) for FY04-FY12
 - Space Station Change Notice (SSCN) 8227A for FY04-FY13
 - POP 2004 Assembly Sequence (Return to Flight Manifest March 2004) for FY05-FY12 (NODE 3 Advanced Planning Only)
 - SSCN 8972 and 8937A (Return to Flight Manifest May 2005) for FY05-FY12 (NODE 3 Advanced Planning Only)
- ISS Flights 1J/A, UF4 and 14A payload complements include payload developer hardware and carriers processed by CAPPS. Thus, the Customer and CAPPS simultaneously process the mission hardware as shown on the manifest as ______. CAPPS is responsible for processing and integration of CBC's and LMC's.
- For SpaceHab missions, CAPPS is responsible for Spacelab Tunnel configuration and integration.
- Unless otherwise identified, the ISS Resupply/ Return flights designated UF consist of the following complements on ascent and descent
 - MPLM contains 5 Resupply Stowage Racks (RSRs), 4 Resupply Stowage Platforms (RSPs), 2 International Standard Payload Racks (ISPRs), 1 Refrigerator/ Freezer integrated in an Active MPLM
 - LMC carries 2 Launch On Need (LON) ORU's or Payloads
 - Sidewall Carrier (SWC) carries 1 Launch On Need (LON) ORU or Payload
- LON missions utilize a LMC and/or a Sidewall Carrier

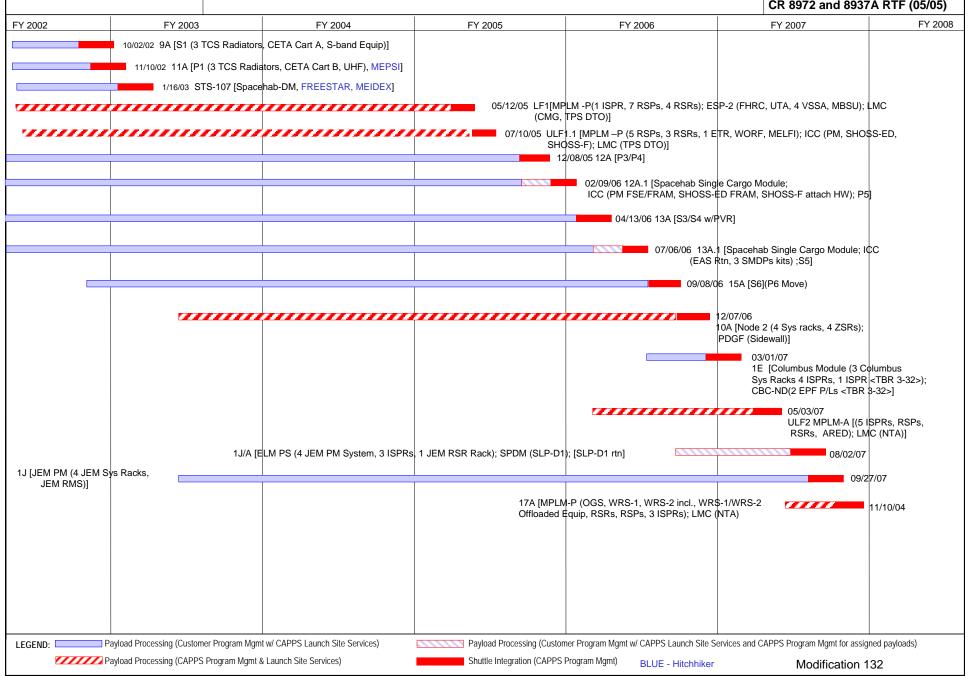
Contract NAS10-02007
KENNEDY SPACE CENTER

ISS & SHUTTLE PAYLOAD GROUND PROCESSING OVERVIEW

Appendix 4A

MANIFEST: Page 2 of 4

CR 8972 and 8937A RTF (05/05)



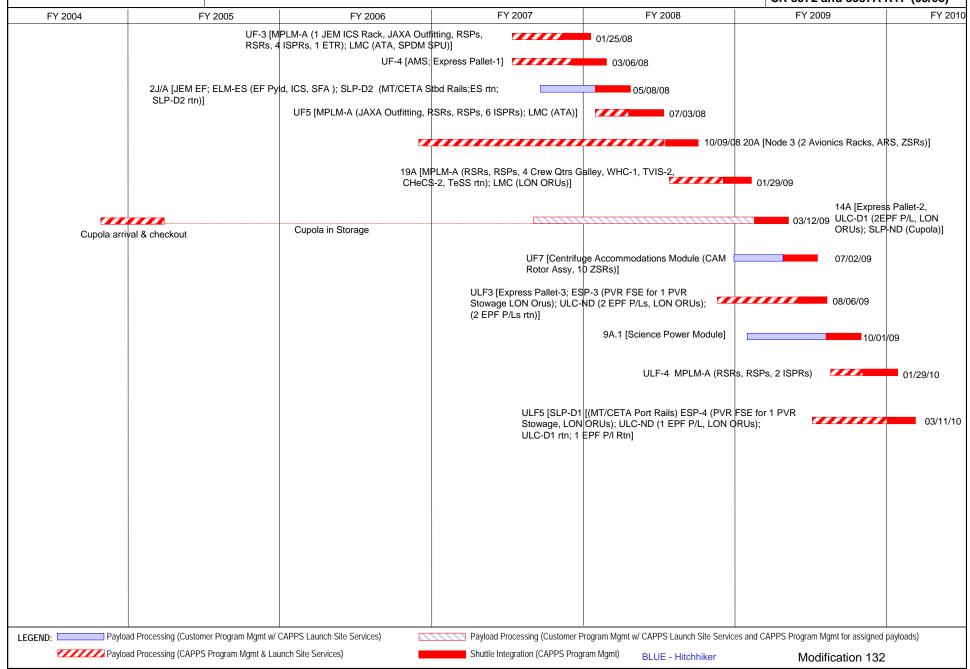
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Appendix 4A

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CR 8972 and 8937A RTF (05/05)



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ISS & SHUTTLE PAYLOAD GROUND PROCESSING OVERVIEW

Appendix 4A

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CR 8972 and 8937A RTF (05/05

